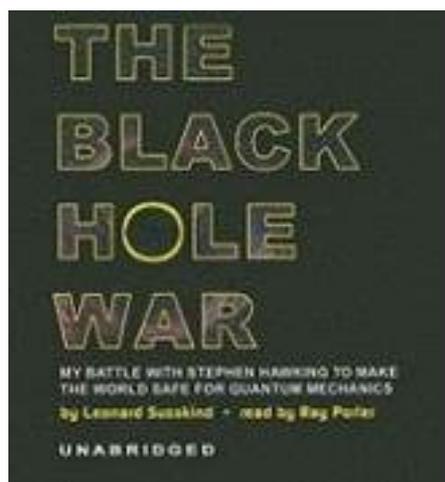


The Black Hole War



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著者:Leonard Susskind

出版者:Little, Brown and Company

出版时间:2008-7-7

装帧:Hardcover

isbn:9780316016407

What happens when something is sucked into a black hole? Does it disappear? Three decades ago, a young physicist named Stephen Hawking claimed it did-and in doing so put at risk everything we know about physics and the fundamental laws of the universe. Most scientists didn't recognize the import of Hawking's claims, but Leonard Susskind and Gerard t'Hooft realized the threat, and responded with a counterattack that changed the course of physics. THE BLACK HOLE WAR is the thrilling story of their united effort to reconcile Hawking's revolutionary theories of black holes with their own sense of reality-effort that would eventually result in Hawking admitting he was wrong, paying up, and Susskind and t'Hooft realizing that our world is a hologram projected from the outer boundaries of space.

A brilliant book about modern physics, quantum mechanics, the fate of stars and the deep mysteries of black holes, Leonard Susskind's account of the Black Hole War is mind-bending and exhilarating reading.

作者介绍:

Leonard Susskind is the Felix Bloch Professor of Theoretical Physics at Stanford, he's one of the pioneers of string theory. Along with Gerard 't Hooft, he is an advocate for the "Holographic principle", according to which the universe is a giant hologram.

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标签

物理

科普

物理科普

quantitative

hole

Black

相对论

mathmatics

评论

写得非常好的一本关于黑洞、量子引力、全息原理的科普书，会让人想一口气读完。

老爷子有有意思，还带着点很学术的傲慢语气，不过是真的很厉害。

Good physics, bad narrative.

good explanation of physics and anecdotes. but the 'proof' is only in the AdS space, far from complete.

类似回忆录的科普，高智商大佬间的脑力PK，甩了一堆卧槽这尼玛都想得出来卧槽还真尼玛都给算出来了的包袱。然后通篇大量类比，把黑洞信息和全息原理的诸多猜想和论据讲得不明觉厉。但亚马逊桑你确定这是童书？

科普书总归是写给科学盲看的

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书评

发表于光明网

《黑洞战争》是一本回忆录，作者是当代最后一名费曼式的物理学家，斯坦福大学的伦纳德·萨斯坎德。他参与了一场旷日持久的战争，一场对黑洞本质的辩论大战，这场大论战扭转了物理学家对世界本质的认识，引发了一场全新的革命，极大地推动了物理学的发展。参加论...

Susskind明白“多一个公式就少卖1万本”这个道理，通篇的类比讲解，让原本复杂无比的理论物理前沿研究变得形象生动起来。虽然整本书几乎没有公式（仅有的几个公式对于上过高中的人来说都能看懂），但从相对论的基本原理，到量子力学的奇怪现象，再到black hole entropy, 最后到...

总评：【阅读体验】：★★★★☆

(语言很通俗风趣，没几个公式，但按现在的科普图书标准来讲，插图粗糙了点儿，版式旧了点儿) 【内容深度】：通俗☆☆☆☆☆|☆☆★☆☆专业

(书有点厚，虽然语言尽量通俗化了，但你至少需要读完高中物理，最好读完大学物理，以上的知识水...

书中明显流露出教主那种放荡不羁的性格以及他对霍金的热爱。和他的讲课的风格差不多，作者用老奶奶都能听懂的語言介绍黑洞，信息佯谬以及量子引力学发展的方方面面。此外，读完这本书，觉得霍金真的很厉害!

科普内容没多少，尽是些流水账式个人经历，这种烂书居然那么高分，打高分是没看过科普书吗？和霍金的书比起来简直就是垃圾，80%的章节可以跳过和科普相关的也就一点内容，原本以为整书都在描述黑洞结果大部分內容作者都在瞎逼逼，尤其是雅哈在剑桥这一章节写的什么吊玩意儿？凑...

据说suskind论文里面从来都不会超过五个公式的……

不知道该咋说了，这种意识流选手 木看过这书……

(

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